

10/04/21

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204BXD

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced

NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:41:24 ON 23 OCT 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:41:32 ON 23 OCT 2003

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 22 OCT 2003 HIGHEST RN 608090-08-0
DICTIONARY FILE UPDATES: 22 OCT 2003 HIGHEST RN 608090-08-0

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

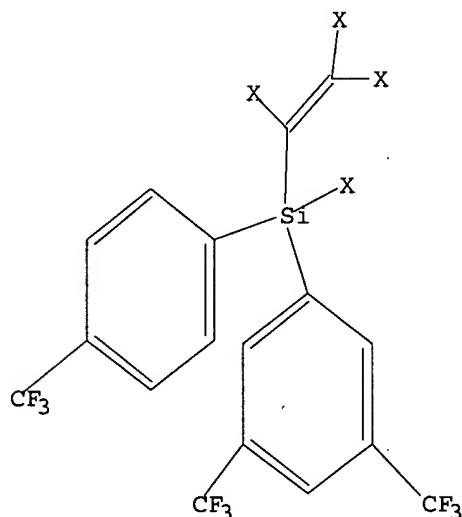
=>

Uploading 10041121.str

L1 STRUCTURE UPLOADED

=> d query

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:41:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:41:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L3 0 SEA SSS FUL L1

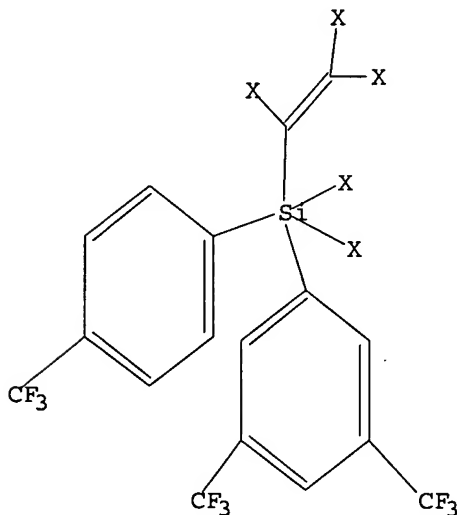
=>

Uploading 10041121.str

L4 STRUCTURE UPLOADED

=> d query

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 15:42:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l4 full

FULL SEARCH INITIATED 15:42:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L6 0 SEA SSS FUL L4

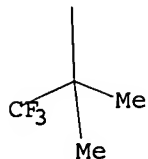
=>

Uploading 10041121.str

L7 STRUCTURE UPLOADED

=> d query

L7 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l7

SAMPLE SEARCH INITIATED 15:43:58 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 448 TO ITERATE

100.0% PROCESSED 448 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 7691 TO 10229

PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s l7 full

FULL SEARCH INITIATED 15:44:07 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9096 TO ITERATE

100.0% PROCESSED 9096 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L9 3 SEA SSS FUL L7

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

444.85

445.06

FILE 'CAPLUS' ENTERED AT 15:44:11 ON 23 OCT 2003

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FILE COVERS 1907 - 23 Oct 2003 VOL 139 ISS 17

FILE LAST UPDATED: 22 Oct 2003 (20031022/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 19

L10 5 L9

=> d l10 1-5 abs ibib hitstr

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AB The title process uses low-boiling hydrofluorocarbons having C2FH, C1FH2, >C3F, >C3H (Cl, C2, and C3 indicate primary, secondary, and tertiary carbon atoms, resp.), such as C4F4H7, C4F4H6, C4F5H5, etc. A polyurethane foam was prepd. from PAPI, polyethylene glycol sucrose and triethanolamine ethers, and CHF2CHF2.
 ACCESSION NUMBER: 1995:444041 CAPLUS
 DOCUMENT NUMBER: 122:189680
 TITLE: Manufacture of polyurethane foams with hydrofluorocarbon foaming agents with no ozone depletion potential
 INVENTOR(S): Aoyanagi, Minako; Kamemura, Ichiro; Ootoshi, Yukio; Kamimura, Ginko; Kitamura, Tateo
 PATENT ASSIGNEE(S): Asahi Glass Co Ltd, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKKXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| JP 06212016 | A2 | 19940802 | JP 1993-21906 | 19930114 |
| JP 154381-59-6 | | | JP 1993-21906 | 19930114 |

PRIORITY APPLN. INFO.:
 IT 154381-59-6
 RL: MOA (Modifier or additive use); USES (Uses)
 (blowing agents; manuf. of polyurethane foams with hydrofluorocarbon foaming agents with no ozone depletion potential)
 RN 154381-59-6 CAPLUS
 CN Propane, 1,1,1,2-tetrafluoro-2-methyl- (9CI) (CA INDEX NAME)



L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AB Cleaning solvents for inorg. and org. surfaces, e.g., fabrics, comprise compds. CnF2n+1CmH2m+1 (n = 2-4; m = 2-3), R12CFR2 [R1 = Me, Et; R2 = Me, Et, (CF2)3F, CF(CF3)2], and R32CFR4 (R3 = CF3, CF2F5, CF3F7; R4 = Me, Et; .gtoreq.1 of R3 = CF3). A cleaning solvent comprised EtCF(CF3)2.
 ACCESSION NUMBER: 1994:220949 CAPLUS
 DOCUMENT NUMBER: 120:220949
 TITLE: Method of dissolving contaminants from substrates using solvents containing a fluorocarbyl group and a hydrocarbyl group
 INVENTOR(S): Van der Puy, Michael; Persichini, Phillip J.; Poss, Andrew J.; Shorts, Lois A.; Elbeck, Richard E.
 PATENT ASSIGNEE(S): Alliedsignal Inc., USA
 SOURCE: U.S., 9 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| US 5275669 | A | 19940104 | US 1991-746273 | 19910815 |
| US 5298083 | A | 19940329 | US 1993-98544 | 19930728 |
| US 1991-746273 | | | US 1991-746273 | 19910815 |

PRIORITY APPLN. INFO.:
 IT 154381-59-6, 2-Fluoro-2-(trifluoromethyl)propane
 RL: USES (Uses)
 (cleaning solvents)
 RN 154381-59-6 CAPLUS
 CN Propane, 1,1,1,2-tetrafluoro-2-methyl- (9CI) (CA INDEX NAME)



L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AB The title compds. (e.g., ClCF2CF2CH2Cl) contain 3-5 C and 1-2 Cl/mol., have an approx. atm. lifetime of 4-12 mo, and are useful as solvents and blowing agents (no data).
 ACCESSION NUMBER: 1994:10717 CAPLUS
 DOCUMENT NUMBER: 120:10717
 TITLE: Hydrochlorofluorocarbons which do not contribute substantially to ozone depletion and global warming
 INVENTOR(S): Li, Chien Chi
 PATENT ASSIGNEE(S): Allied-Signal, Inc., USA
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 9304025 | A1 | 19930304 | WO 1992-US6798 | 19920813 |
| W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG | | | | |
| US 5316690 | A | 19940531 | US 1991-746449 | 19910816 |
| AU 9224700 | A1 | 19930316 | AU 1992-24700 | 19920813 |
| BR 9206357 | A | 19941227 | BR 1992-6357 | 19920813 |
| JP 07501046 | T2 | 19950202 | JP 1992-504431 | 19920813 |
| EP 641300 | A1 | 19950308 | EP 1992-918342 | 19920813 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, SE | | | | |
| PRIORITY APPLN. INFO.: | | | US 1991-746449 | 19910816 |
| | | | US 1991-687342 | 19910418 |
| | | | WO 1992-US6798 | 19920813 |

IT 149329-56-6
 RL: MOA (Modifier or additive use); PRP (Properties); USES (Uses)
 (blowing agent and solvent, ozone- and atm.-compatible)
 RN 149329-56-6 CAPLUS
 CN Propane, 2-chloro-1,1,1-trifluoro-2-methyl- (9CI) (CA INDEX NAME)



L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AB Solvents comprising C3-5 chlorofluorohydroalkanes contg. .ltoreq.2 Cl are useful for cleaning metal, ceramic, glass, and plastic surfaces, natural and synthetic fabrics, etc., giving good removal of org. contaminants such as mineral oil. Thus, CF3CH2CH2Cl was useful as a cleaning solvent which was miscible with mineral oil and was resistant to hydrolysis during contact with metal surfaces of cleaning app.
 ACCESSION NUMBER: 1993:498512 CAPLUS
 DOCUMENT NUMBER: 119:98512
 TITLE: A method of cleaning using hydrochlorofluorocarbons having 3 to 5 carbon atoms
 INVENTOR(S): Li, Chien Chi
 PATENT ASSIGNEE(S): Allied-Signal Inc., USA
 SOURCE: PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 9216674 | A2 | 19921001 | WO 1992-US2154 | 19920318 |
| WO 9216674 | A3 | 19930318 | | |
| W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD | | | | |
| RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG | | | | |
| US 5152845 | A | 19921006 | US 1991-671272 | 19910318 |
| AU 9217868 | A1 | 19921021 | AU 1992-17868 | 19920318 |
| PRIORITY APPLN. INFO.: | | | US 1991-671272 | 19910318 |
| | | | US 1991-687342 | 19910418 |
| | | | WO 1992-US2154 | 19920318 |

IT 149329-56-6, HCFC 373mss
 RL: USES (Uses)
 (solvent, for cleaning)
 RN 149329-56-6 CAPLUS
 CN Propane, 2-chloro-1,1,1-trifluoro-2-methyl- (9CI) (CA INDEX NAME)



L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AB New data on the formation of some carbonyl compds. with SF4 contradict
 present views on the mechanism of this reaction. Results of the present
 and earlier studies have been used to discuss the accepted reaction
 mechanism and to suggest a modified one.
 ACCESSION NUMBER: 1992:193318 CAPLUS
 DOCUMENT NUMBER: 116:193318
 TITLE: New views on the fluorination of carbonyl compounds
 with sulfur tetrafluoride
 AUTHOR(S): Pustovit, Yu. M.; Nazaretyan, V. P.
 CORPORATE SOURCE: Inst. Org. Chem., Kiev, 252094, USSR
 SOURCE: Journal of Fluorine Chemistry (1991), 55(1), 29-36
 CODEN: JFLCAR; ISSN: 0022-1139
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 116:193318
 IT 374-04-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 374-04-9 CAPLUS
 CN Propane, 2-bromo-1,1,1-trifluoro-2-methyl- (8CI, 9CI) (CA INDEX NAME)



=> logoff y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

24.77

469.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-3.26

-3.26

STN INTERNATIONAL LOGOFF AT 15:46:53 ON 23 OCT 2003

10/041,121

L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
AB New data on the formation of some carbonyl compds. with SF4 contradict present views on the mechanism of this reaction. Results of the present and earlier studies have been used to discuss the accepted reaction mechanism and to suggest a modified one.
ACCESSION NUMBER: 1992:193318 CAPLUS
DOCUMENT NUMBER: 116:193318
TITLE: New views on the fluorination of carbonyl compounds with sulfur tetrafluoride
AUTHOR(S): Pustovit, Yu. M.; Nazaretyan, V. P.
CORPORATE SOURCE: Inst. Org. Chem., Kiev, 252094, USSR
SOURCE: Journal of Fluorine Chemistry (1991), 55(1), 29-36
CODEN: JFLCAR; ISSN: 0022-1139
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 116:193318
IT 374-04-9P
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
RN 374-04-9 CAPLUS
CN Propane, 2-bromo-1,1,1-trifluoro-2-methyl- (8CI, 9CI) (CA INDEX NAME)

